

Contained Underground Demilitarization Laboratory

Detonation of Conventional Munitions*

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A Joint Demilitarization (JTD) Program has been established between the Departments of Defense and Energy (DoD and DOE). This program is run by an Ad Hoc Steering Committee comprising key personnel from the three DoD Services, three DOE Design Laboratories (Lawrence Livermore, Los Alamos, and Sandia National Laboratories) and academia; and is chaired by Mr. James Q. Wheeler. The purpose of this program is to demonstrate and validate technologies for resource recovery and recycling, as well as, alternative destruction or treatment technologies as appropriate to specific stockpile segments.

As part of the JTD program the Lawrence Livermore National Laboratory is demonstrating detonations in an underground tunnel. The test ordnance is the M 107, 155 mm projectile. Detonations of 6, 24, and 60 projectiles were conducted from December 1996 through March 1997. These tests were conducted at X Tunnel at the DOE's Nevada Test Site, and complete characterization of the emissions from each detonation was performed. This is a multi-user facility and other organizations are invited to participate in this demonstration or to propose experiments/demonstrations of their own design.

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